

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

APRIL 8, 1976

BOARD OF GOVERNORS

The Board of Governors and its Executive Committee met Friday, April 2, 1976.

Preliminary Operating Budget

Members of the Board approved the 1976-77 preliminary operating budget recommended by the Finance Committee and previously approved by the University Planning Committee. This budget provides for total net expenditures of \$109,293,200 and revenues of \$107,046,000. Since projected revenues, including a \$93,560,000 grant from government sources, \$12,083,000 from tuition fees, and \$1,402,500 from other sources, will be inadequate to meet projected expenditures, a deficit budget was indicated. However, an operating surplus from 1975-76 projected to be approximately \$3.75 million will result in a carryover at the end of the 1976-77 fiscal year in the order of \$1.5 million.

With very few exceptions, the preliminary operation budget was designed to accommodate inflationary increases while maintaining operations at current levels only. Lorne Leitch, Vice-President (Finance and Administration), describes it as essentially a "no-growth budget." When asked about prospects for next year's budget in view of reduced University reserves, he said that the University was banking on the government successfully holding down inflation. This year's projected expenditures, which increased by 16.2 percent over last year's figure, include provision for such inflationary increases as a 67.7 percent increase in the cost of utilities.

The preliminary operating budget was proposed with more than the usual number of assumptions. Negotiations have not yet been completed with either the academic or the non-academic staff associations. It was necessary, therefore, to estimate the magnitude of these settlements, having in mind the Federal Compensation Guidelines, which have been adopted by the province. In addition, provision had to be made for increases in the payments to graduate assistants and part-time sessional appointments (a tentative settlement has been reached with the Graduate Students' Association acting on behalf of the graduate assistants, and the amount necessary to meet this commitment is

included in the proposed budget). Finally, it was necessary to include provision for inflationary increases in the costs of supplies and services.

Two areas where extra funds were made available were in the library and with the faculties. The University Planning Committee proposed that \$150,000 go to the library for additional book and periodical acquisitions, and \$880,000 go to the faculties for workload purposes.

With Board approval of this preliminary budget, distribution within the faculties can now be determined.

HUB Transfer

The Board approved a resolution transferring generally the right, title, interest, and estate of the Students' Union in the HUB complex to the Board of Governors. Under the terms of the resolution, employment would be offered to those employees of the Students' Union engaged in work at HUB whose employment with the Students' Union is terminated as a result of the transaction. The Board also agreed to establish a residential policy for HUB after consultation with the HUB Residents Association.

This represents a preliminary agreement only with a satisfactory master agreement between the Board and the Students' Union to be reached by June 30, 1976.

Board members also approved an increase in the monthly residential rates for HUB tenants for 1976-77 fiscal year. These rental increases were required in order that the HUB Complex achieve a break-even financial operation in 1976-77. They constitute a ten percent increase for 1976, effective August 1, 1976 and a nine percent increase effective January 1, 1977. The proposed increases fall within the provincial rental regulations.

Faculty of Engineering Enrolment Quotas

The Board considered the request from the Faculty of Engineering Council that enrolment be limited in the first and second years of the Engineering program.

Speaking for the establishment of enrolment quotas, Dean Ford said that freshman enrolment in Engineering had risen sharply in 1974-75 and even more sharply in 1975-76. Because of the stringent

financial situation during the past several years, the number of teaching staff had dropped and had not been increased to accommodate the increased enrolment. As a result, the student to faculty ratio in Engineering has risen to 12.4:1, the highest in Canada and one of the highest in North America. He predicted that this ratio would increase to 13.5:1 next fall if no help were forthcoming. Moreover, even if financial assistance allowed the necessary increase in numbers of teaching staff, according to Dean Ford, space and teaching facilities in the Faculty are filled to their limit.

Vice-President (Academic) Myer Horowitz reported that the Academic Development Committee had voted 5 to 3 against the request from the Faculty of Engineering. Considerable discussion arose whether the Faculty of Engineering ought to be setting quotas at a time when the province was in special need of engineers.

The Board finally agreed that for 1976-77 only, enrolment quotas in the Faculty of Engineering be set at 520 for first year and 415 for second year. The situation would be reviewed by the Board in the spring of 1977 to determine whether the quotas would continue.

It was noted that this approval was for numbers only. Procedures for the implementation of the quotas, including selection criteria, were to be decided by General Faculties Council.

1976-77 Rates for Lister Hall and Pembina Hall

The Finance Committee recommended and the Board approved the following room and board rates for the 1976-77 winter session.

<i>Lister Hall</i>	
Basic double occupancy	\$1,407
<i>Pembina Hall</i>	
Standard room	\$1,403
Large room	\$1,579

The basic rate in the Lister Complex was increased twenty-five percent to \$1,219 for the 1975-76 winter session, and the proposed increase for 1976-77 represents a further 15.4 percent increase. The rates for Pembina Hall this year are \$1,275 and \$1,435 for the standard and large rooms respectively, and the proposed increases amount to ten percent. The proposed rates

have been approved by the General Faculties Council Housing and Food Services Committee.

Faculty of Education

Honoraria to Cooperating Teachers

The Board approved a request from the Faculty of Education for a grant of \$65,000 to enable the Faculty to increase the honoraria paid to cooperating teachers, retroactive to September 1, 1975. Cooperating teachers are classroom teachers who supervise students of the Faculty of Education in their teaching assignments in the field.

Change of Name

On the recommendation of the General Faculties Council, the Board approved the following changes of name: the Faculty of Physical Education to be the Faculty of Physical Education and Recreation; and the Department of Educational Services to be the Department of Movement Education.

Implementation of the Senate Report on Academic Women

President Gunning reported verbally to the Board on action taken in response to the Senate Task Force Report on the Status of Academic Women.

He mentioned that a policy statement against sex discrimination had been referred to the joint AASUA-Board Handbook Committee, whose report is expected later this spring. He expressed uncertainty about the meaning of recommendation 2 ("that instructions be issued to administrative officers of the University to investigate and bring forward proposals concerning more

flexible and imaginative work patterns for both male and female staff including part-time and shared tenurable positions") and has asked the Senate to clarify this request. The recommendation "that sessional appointments which have been renewed three times or more be considered for reclassification as permanent positions requiring longer term contracts" is under review by the AASUA and the Board is awaiting its recommendations. He noted that these recommendations would affect both male and female sessional staff. Dr. Gunning stated that maternity benefits had been negotiated, that a report concerning day care facilities is expected from the Campus Development Committee later in the spring, and that the Board Finance Committee were considering allocation of funds for day care facilities. The "professional, external study" requested "into the status and employment patterns of non-academic women employees of the University" has not been undertaken because of lack of funds and because the Department of Personnel Services and Staff Relations has developed a classification system which is monitored within the department.

In response to recommendations which had been directed specifically to him, President Gunning recalled that he had brought forward a recommendation to the Board that a position of Dean of Women's Affairs be established under student affairs and that that motion had been defeated. The request for a President's Review Committee "to investigate and bring forward specific proposals for improving the status and numbers of women in all faculties and schools but particularly those in which women are now underrepresented" he referred back to the Senate for clarification. He mentioned that a peer study was underway for Dean's Council and that General Faculties Council had approved a policy statement on discrimination in hiring.

Vice-President (Academic) Horowitz reported General Faculties Council's policy statement that advertisements for academic positions contain a statement to the effect that both men and women be invited to apply, that selection committees "give detailed attention to all applications," and that selection committees state in their recommendations how these two steps have been implemented.

He stated his intention to propose that Dean's Council strike a committee to consider the situation of all women members of the academic staff, not merely those appointed within the past five years.

Dr. Horowitz also mentioned that he would propose later in the spring that the

Board appoint a second Associate Vice-President (Academic) who would have responsibility for women's affairs, as well as other responsibilities concerning the University generally.

Policy Statement

At the meeting to be held June 11, 1976 of the Chairmen of the Boards of Governors of Alberta universities and the Minister of Advanced Education and Manpower, E.A. Geddes, at the request of the Board, will inform the Minister of this University's policy on registration of foreign students in quota faculties, obtain the Minister's views on the matter of the fee structure for foreign and non-resident students, and inform the Minister on the University's policy and practice with respect to the selection of academic staff.

SELECTION COMMITTEE FOR A DEAN OF INTERDISCIPLINARY STUDIES

This committee held its first meeting on April 1, 1976. The members of the committee are very interested in receiving, prior to April 19, indications of interest in the deanship or nominations of others who may be willing to be considered for the position. Male and female members of the academic community are invited to apply. Contact should be made with the Chairman of the Selection Committee: M. Horowitz (Vice-President, Academic), 3-5 University Hall.

A METHOD OF AUGMENTING THE TEACHING PROCESS

During the past few months, the Department of Radio and Television has been videotaping various lectures delivered by visiting speakers. These taped lectures, which included the 1975 Henry Marshall Tory Lecture, the symposium on wage and price controls, and Mel Hurtig's recent lecture on Canadian nationalism, are available for viewing by staff and students in L2-6 of the Humanities AV Centre and in the Reserve Reading Room of Cameron Library. This service is designed to make these lectures more widely available. The Departments of Radio and Television and Technical Services offer other services which are aimed at helping lecturers at this University to augment their teaching with audiovisual programs.

The Audiovisual Media Centre in the Faculty of Education and the Health Sciences Audiovisual Department offer the same services to lecturers in Education and the Health Sciences.

FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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FOLIO Policy Committee: E.D. Hodgson (Professor of Educational Administration), J.W. Carmichael (Professor of Bacteriology), and Aylmer A. Ryan (Provost and Executive Assistant to the President)

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An instructor can go to Radio and Television and put on videotape some basic material that provides background to an upcoming lecture, for example. The tape will then be deposited at the AV Centre in the Humanities Building or in the Reserve Reading Room of Cameron Library. There are carrels which are equipped for videotape viewing in both these locations. The carrels are equipped with a nine-inch color television monitor, a video cassette player, and a set of headphones. The equipment is as easy to operate as an ordinary audio cassette recorder, and students can be asked to view the taped material at any time that is convenient for them. Records of the number of students that view the material can be kept at the lecturer's request.

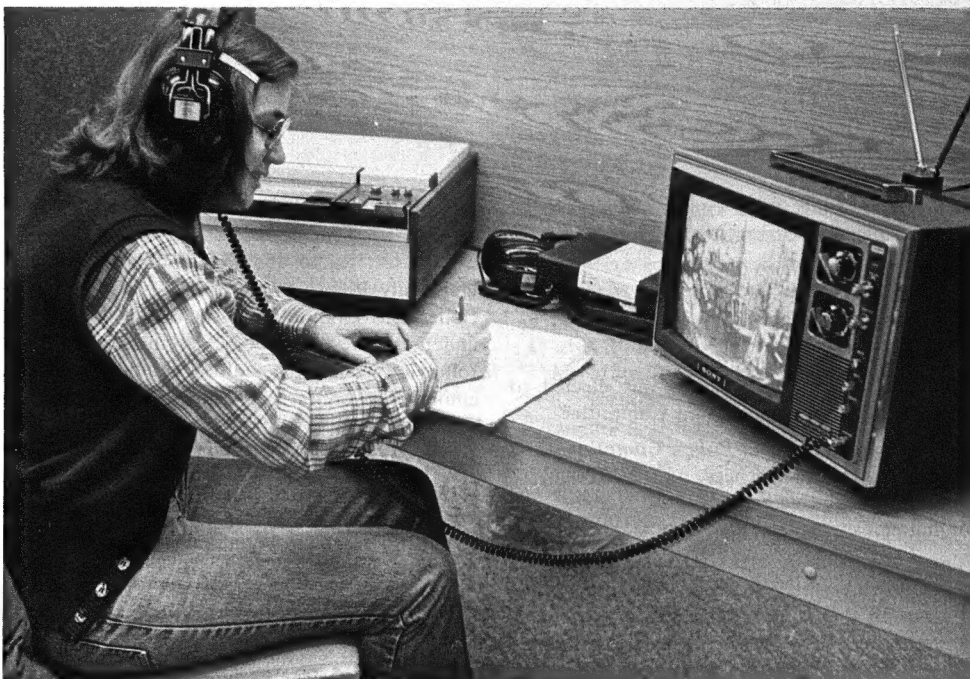
A lecture or portion of a lecture can be videotaped either in the classroom or in the studios of Radio and Television. If the lecturer feels uneasy about lecturing in a studio, an actual lecture or part of a lecture can be taped. Students who did not understand the lecture or parts of it the first time could then go over the material another time at their convenience.

- If an instructor wants videotapes brought in from outside sources, Audiovisual Services will store these tapes in the viewing areas and make them accessible to students.

Audiotapes, slide-tape programs, and filmstrips can be produced as well, and made available to students in the same way that videotapes are made available. The Humanities AV Centre has carrels equipped to handle slide-tape programs and many carrels equipped for use of audio cassettes. These types of programs are relatively easy to organize and produce, and the facilities are easy for students to use.

Videotapes, audiotapes, slide-tape programs, and filmstrips are in no way meant to replace teaching; they are meant to augment it. They are not meant to replace the teacher, but are meant to help the teacher do a better job. At all times the lecturer can decide what sort of audiovisual program is best for him and his subject, and the personnel of Radio and Television, and Technical Services are willing to lend their expertise to help the instructor make the proper choices.

If you think that any of the audiovisual programs that are offered might be of use to you in your teaching, please get in touch with the Department of Radio and Television. If you would like to examine the playback equipment that is available, drop in to L2-6 on the second floor of the Humanities AV Centre, and the staff there will gladly give you a demonstration.



GENERAL FACULTIES COUNCIL

The regular meeting of General Faculties Council was held March 29, 1976.

Question Period

In response to a question from G. Leadbeater regarding the position of the AUCC on the Fiscal Arrangements Act, Chairman H. Gunning stated that the AUCC had submitted a brief to the federal and provincial governments requesting a two year postponement of renegotiation of the Fiscal Arrangements Act.

Executive Committee Report

The Executive Committee Report was received by Council.

Nominating Committee Report

Ad Hoc Committee on Prevention of Sexual Assault on Campus

The following is a list of persons chosen to represent the groups recommended to serve on the *ad hoc* committee: P.C. Sartoris, Educational Psychology, Student Counselling Service; R. Silvester, Art and Design, Campus Development Committee; J. Robertson, Bacteriology, Academic Women's Association; J. Grimson, Cameron Library, Non-Academic Staff Association; F. Cookson, University Health Services; K. McKenzie, Student Help; L. Ralston, Chemistry, Graduate Student; H. Murdoch, Home Economics, Undergraduate Student.

Ad Hoc Committee on Restructuring the Office of Student Affairs

The following students and staff members were elected to serve on the *ad hoc* committee: M. Chu, Chemistry (GS); B. Mason, Arts (3); L. Zoetman, Agriculture (4); W. Thorson, Chemistry; J. Young, Elementary Education;

W.A.G. Voss, Biomedical Engineering.

GFC Appeals Committee on Salaries and Promotions

Members approved the motion made by the Nominating Committee "that appointments to the GFC Appeals Committee on Salaries and Promotions be for a three year term of office commencing on January 1 and terminating on December 31" and "that the terms of office of all current members of the Committee be extended six months (from June 30 until December 31) to allow the implementation of the first request."

Executive Committee

The following staff members were elected to serve on the Executive Committee: G. Davies, Law; D. Massey, Elementary Education; R. Moyles, English; D.W. Murray, Civil Engineering; A.P. Scott, Germanic Languages.

Academic Development Committee

J. McMaster, English, was elected to serve and P. Fuenning, Commerce (3), and K. MacFarland, Arts (4), were approved to serve on the Academic Development Committee.

Administrative and Professional Officers Committee

P. Robison, Assistant to the Dean of Arts, was elected to serve on the committee.

Admission Requirements Committee

W. Wilde, Elementary Education, was approved to serve on the committee.

Art Works Committee

P. Rafferty, Elementary Education, was approved to serve on the Art Works Committee.

Calendars Committee

A. Thomas, Romance Languages, and

M. Steed, Nursing, were approved to serve on the Calendars Committee.

Campus Development Committee

D. Badir, Home Economics, was elected to serve on the Campus Development Committee.

Conference Fund Committee

G. Strathern, Library Science, was elected to serve on the Conference Fund Committee.

Computer Facilities and Policy Committee

C. Hazlett, Health Sciences, and S. Rooney, Library, were elected to serve on the committee.

Course Registration Procedures Committee

The following staff members were approved to serve on the Course Registration Procedures Committee: R. Middleditch, Arts; E. L. Fowler, Engineering; J. Robertson, Elementary Education.

Parking Appeals Committee

W. Dylke, Pharmacy (NASA); C. Small, History; and E. Browne, Chemistry (GS), were approved to serve on the Parking Appeals Committee.

Pollution Committee

The following staff members were approved to serve on the committee: F. Wolfe, Food Science; M. Grayson, Elementary Education.

Special Sessions Committee

The following staff members were approved to serve on the committee: R. Cohoon, Business Administration and Commerce; E.L. Fowler, Engineering; L. Everett, Elementary Education.

Committee to Investigate Teaching

The following staff members were approved to serve on the Committee: P. Browne, Elementary Education; A. Hall, Physical Education; A.H. Qureshi, English; J. McLeish, Educational Psychology.

Use and Confidentiality of Student Files: Request for Interpretation of Policy Regarding Students Serving on Admission and Awards Committees
Members approved a motion by G. Eyford, Division of Community Development, Faculty of Graduate Studies and Research, and endorsed by the Executive "that the decision as to whether students can be involved in determining admissions should be left to the discretion of the faculty, school, department, or division."

Composition of GFC Committees: Report of the Nomination Committee

Members approved the Nominating Committee's motions "that General Faculties Council adopt the principle that there be designated representation on General Faculties Council committees when General Faculties Council has agreed to such representation"; "that the composition of the following General Faculties Council committees be

changed in order to add one graduate student to each of them: Conference Funds Committee, Radio and Television Committee, University Press Committee, University Collections Committee"; and "that undergraduates be specifically included on the following General Faculties Council committee: Conference Funds Committee."

Authority not to Advertise New Positions: Report of Vice-President (Academic)

Council received a report of the Vice-President (Academic) on appointments authorized to positions which were not advertised.

GFC Appeals Committee on Salaries and Promotions: Annual Reports for 1974 and 1975

Members received the Annual Reports of the GFC Appeals Committee on Salaries and Promotions for 1974 and 1975.

Schools of Home Economics, Library Science, Nursing and Rehabilitation Medicine Endorsed as Faculties

For information, Council received a letter from A.E. Hohol, Minister of Advanced Education and Manpower, endorsing the decision of the Board of Governors to designate the schools of Home Economics, Library Science, Nursing, and Rehabilitation Medicine as faculties.

LIGHTS OFF, PLEASE

Electrical energy costs are increasing, and the University is studying ways to help reduce these costs. The Department of Physical Plant is evaluating existing lighting in University buildings and has found that the levels of light used can be reduced substantially without adversely affecting the users' needs. At present, a project to test these findings is underway in the General Services Building where savings of approximately \$3,000 per year are predicted.

One simple way of reducing energy costs—and a way that everyone can use—is to turn off lights in unoccupied offices, classrooms, and laboratories. The Building Services Division of Physical Plant will soon be placing decals on light switches; these decals will remind people to turn off lights which are not in actual use.

RECENT ADVANCES IN THE TREATMENT OF CANCER

1976 is the inaugural year for the Walter C. Mackenzie Visiting Professorships. Four eminent visiting professors have accepted invitations to come to the University to deliver lectures in a series entitled "Recent Advances in the treatment of cancer."

On Tuesday, May 11, at 7 p.m., in TL-11 Tory Lecture Theatre, Hilary Koprowski,

Director of the Wistar Institute in Philadelphia and Professor in the Department of Microbiology, University of Pennsylvania, will give a lecture on "The Viral etiology of cancer." That lecture will be followed by one on the "Immunological aspects of the etiology and treatment of cancer" by William Baldwin, Director of Cancer Research at Campaign Laboratories, University Park, Nottingham, England, and Professor in the Department of Pathology.

On Wednesday, May 12, at 7 p.m. in TL-11 Tory Lecture Theatre, a lecture entitled "Chemotherapy of cancer" will be given by Paul Carbonne, Clinical Professor of Medicine at the Georgetown University Medical School and Associate Director for Medical Oncology, Division of Cancer Treatment, National Cancer Institute in Bethesda, Maryland. Henry Kaplan, Professor of Radiation Oncology at the Stanford Medical Center, will deliver a lecture on "Radiation therapy of cancer."

All interested persons are invited to attend this program of lectures. Later in April there will be further announcements providing more details.

FACULTY CURLING CLUB

The Faculty Curling Club has finished another successful season. A total of thirty-four rinks participated in league play, and twenty-two rinks were entered in the Annual Bonspiel held during Reading Week.

At the League Banquet and Awards Night, the following teams received their prizes.
First "A" Event—K. Machon (Education)
Second "A" Event—J. Bobryk (Purchasing)
Third "A" Event—B. Pringle (Animal Science)
Fourth "A" Event—D. Staines (Zoology)
First "B" Event—W. Harris (Chemistry)
Second "B" Event—D. Manuel (Industrial and Vocational Education)
Third "B" Event—C. Hazlett (Health Services Administration)
Fourth "B" Event—B. Nobin (Genetics)

The League was won by the Clarke Hazlett team. There was also an "eight-ender" scored during league play. The W. Wilson team from Printing Services scored the curler's dream on November 13.

PEOPLE

■ Kanhaya Gupta, Professor of Economics, has been appointed Visiting Professor of Economics for 1976-77 at the University of Guelph.

■ Anne Kernaleguen, Professor of Home Economics, Clothing and Textiles Division,

will be among the guest speakers a "Clothing for the mentally and physically handicapped seminar" at Weber State College, Ogden, Utah.

▪ Father Gordon Macdonald, Associate Professor, St. Joseph's College, addressed the University of Alberta Philosophy Club on "The Platonism of St. Thomas." The Club expressed its special gratitude to colleagues at St. Joseph's for their collaboration in 1975-76.

▪ W.F. Reese, Professor of Elementary Education, was a platform speaker and presented a workshop at the Third International Conference on Metric Education held in Biloxi, Mississippi from February 26 to 27. Over 300 people from thirty-six states and six countries attended the conference sponsored by the University of Southern Mississippi.

▪ John G. Paterson, Professor of Educational Psychology, was the keynote speaker at the Prince Albert City and District Teachers' Federation Convention. His topic was "The Myth of administration."

▪ J.W. Lown, Professor of Chemistry, accepted an invitation to spend two days at

• Washington University, St. Louis, and presented seminars in the Medical School and the Chemistry Department entitled, "Recent developments in the mode of action of selected antitumour antibiotics."

• ▪ Andrew Clarke, Associate Professor, and Clarence Preitz, Professor, Department of Vocational and Industrial Education, have a paper entitled "Metric conversion costs in industrial education career fields" in the current issue of the *Canadian Vocational Journal*.

▪ Gwynn Nettler, Professor of Sociology, delivered a plenary address at the annual meeting of the Pacific Sociological Association in San Diego. His topic was "Against Leviathan," a criticism of government intervention in the attempted resolution of human difficulties.

BOOKS

• ▪ *Multivariable Computer Control, A Case Study* by D.G. Fisher and D.E. Seborg of the Department of Chemical Engineering has been published by American Elsevier Publishing Company.

• ▪ *La Fortune aux Grandes ailes* by Roland C. Bonvalet, Assistant Professor of Romance Languages, under the penname of Roland Journey, was published by La Pensée universelle, Paris, in October 1975, and is now available at the bookstore.

VISITORS

▪ G.S. Marks, Professor and Head of the Department of Pharmacology, Queen's University, Kingston, Ontario, was the Medical Research Council Visiting Professor to the Faculty of Pharmacy and Pharmaceutical Sciences on March 15 and 16. He presented an undergraduate lecture entitled "Advances in drug receptor pharmacology," and two seminars entitled "Drug-induced porphyrin biosynthesis. Part I. Structure-activity relationships" and "Part II. Metabolism of porphyrin-inducing drugs."

▪ C.E. Osgood, University of Illinois, presented a seminar-in-the-round entitled "Probing subjective culture" on March 15. The seminar was sponsored by the Centre for Advanced Study in Theoretical Psychology.

NOTICES

MARKET SUPPLEMENTS

Applications for 1976-77 market supplements will soon be invited. In this connection, the Committee on Market Supplements will be meeting in the latter part of April to discuss the format and procedures for the 1976-77 supplements.

Suggestions for revisions and improvements to last year's program are invited and should be submitted to B. H. McDonald, Office of the President, no later than April 22, 1976.

The market supplement program was introduced by the Board of Governors effective July 1, 1975 and applies to regular full-time faculty only.

SOCIETY TO BE FORMED

Proposals have been made for the formation of a Central and East European Studies Society. A meeting to discuss this matter will be held at the University of Alberta, on Saturday, April 10, at 1:30 p.m. in 2-1 Mechanical Engineering.

A draft constitution of the Society will be presented and a Board of Directors elected. The Chairman of the Nominating Committee is M. Mote, Department of Political Science. Nominations may also be made at the meeting.

A hospitality hour (about 3:30 p.m.) at the Faculty Club will follow the meeting. All interested persons are invited to attend and to bring their friends. The conference registration fee is \$1.

The interim executive elected by the steering committee, which represented some seventy-five people present at the conference on February 14, comprised the following:

Chairman: P. Czartoryski
Vice-Chairman: M. Lobay
Treasurer: A. Dudaravicius
Secretary: M. Kuester
Members-at-large: B. Biro, M. Sulyma
U of A Faculty members: M. Gulutsan, M. Mote, T. Priestly, T. Yedlin, C. Suchowersky
Graduate Assistant: J. Sokolowski

COUNCIL MEETING

The Council of the Faculty of Graduate Studies and Research will meet on Thursday, April 15, at 2:30 p.m. in the Council Chambers, University Hall.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

8 APRIL, THURSDAY

Classics Seminar

4 p.m. "Lysias' Oration II and the events of 403/2-401/0" by T.N. Ballin.
1-8 Humanities Centre.

Entomology Seminar

4:30 p.m. "Microorganisms found in tsetse flies" by G. Baker. 245 Agriculture Building.

Cinematheque 16

7:30 p.m. *Joe* (United States, 1970). Starring Peter Boyle. Downstairs, Edmonton Art Gallery. Admission \$2.

Art Gallery Concert

8 p.m. The Alberta Licorice Control Board, composed of ten students from the Alberta College Music Department, performs music for clarinet in choir, quartet and duet ensembles. Edmonton Art Gallery. Admission free.

Opera

8 p.m. The Edmonton Opera Association presents *La Boheme* by Puccini (in Italian) featuring Teresa Stratas and Jose Carreras. Jubilee Auditorium. Tickets available from all Woodward's stores.

Concert

8 p.m. The Music Education Laboratory (MELAB) will give a concert in the Students' Union Theatre. Admission free.

9 APRIL, FRIDAY

Biochemistry Seminar

1 p.m. "Construction and characterization of chimeric plasmids" by B. Weisblum, Department of Pharmacology, University of Wisconsin. 470 Medical Sciences Building.

Faculty Club

Downstairs. "TG It's Finished." Wiener

schnitzel, kartoffeln, mimosa salad, apfelkuchen. \$4.
Upstairs. Regular dinner menu. Reservations required.

Concert

7 p.m. and 9:45 p.m. Ray Charles performs at the Jubilee Auditorium. Tickets available from Mike's, phone 424-8911.

Cinematheque 16

7:30 p.m. *The Last Detail* (United States, 1973). Directed by Hal Ashby, and starring Jack Nicholson and Randy Quaid. Downstairs, Edmonton Art Gallery. Admission \$2.

Concert

8:30 p.m. The National Press Club Jazz Band performs in the Students' Union Theatre. Tickets are available from the Students' Union Box Office and at Woodward's stores. This is a benefit sponsored by the Women's Committee of the Symphony.

10 APRIL, SATURDAY

Art Gallery Concert

2:30 p.m. The P.J. Perry Quartet plays jazz at the Edmonton Art Gallery. Admission is free.

Faculty Club

Downstairs. "Mardi Gras." Ham and shrimp Jambalaya, green peas, salad and coffee cake. \$4.25.

Entertainment: honky tonk piano.

Upstairs. Regular dinner menu. Reservations required. *Entertainment:* Sound Investment.

Opera

8 p.m. *La Boheme* by Puccini (in Italian), with Teresa Stratas and Jose Carreras. Jubilee Auditorium. Tickets available at Woodward's stores.

Concert

8:30 p.m. The National Press Club Jazz Band performs in the Students' Union Theatre. Tickets are available from the Students' Union Box Office, the Jubilee Auditorium Box Office, and Woodward's stores.

11 APRIL, SUNDAY

Cinematheque 16

2 p.m. *Something for Everyone/Black Flowers for the Bride* (United States/Germany, 1970). Starring Michael York. Downstairs, Edmonton Art Gallery. Admission \$2.

'In Touch With U'

And every Sunday. 3 p.m. A program to introduce the University to the community at large. CITV channel 13, cable 8.

Concert

8:30 p.m. Paul Horn and the eighteen-piece Big Band perform in Dinwoodie Lounge,

Students' Union Building. Tickets are available from Opus 69 Records, the Students' Union Box Office, and at the door.

12 APRIL, MONDAY

Genetics Seminar

4 p.m. "The Use of cytochrome-C mutants of yeast for elucidating the nucleotide sequences that govern initiation and translation" by F. Sherman, Department of Radiation Biology and Biophysics, University of Rochester. CW410 Biological Sciences Building.

Opera

8 p.m. *La Boheme* by Puccini, with Teresa Stratus and Jose Carreras. Jubilee Auditorium. Tickets available at all Woodward's stores.

13 APRIL, TUESDAY

General Meeting

8 p.m. There will be a general meeting of Group Against Smokers' Pollution. Everyone welcome (but no smoking). 10618 124 Street. For information phone 424-4840 or 432-7648.

14 APRIL, WEDNESDAY

Plant Science Seminar

1 p.m. "Biological interference between potato viruses M and S" by A.S. Lau. 490 Agriculture Building.

Lecture

3:30 p.m. "Implications of hemispheric asymmetry (left-right handedness, brain lateralization)" by Paul Bakan, Simon Fraser University. 2-147 Education North. Sponsored by the Department of Educational Psychology and the Centre for the Study of Mental Retardation.

Concert

8 p.m. The Richard Eaton Singers, under the direction of Larry Cook, perform *The Saint Matthew Passion*. All Saints' Cathedral. Admission \$3.50 regular, and \$2.50 for senior citizens and students under 16. Tickets available from Mike's, the Music Department, chorus members, and at the door.

15 APRIL, THURSDAY

Cinematheque 16

7:30 p.m. *Straw Dogs* (Great Britain/United States, 1971). Directed by Sam Peckinpah. Downstairs, Edmonton Art Gallery. Admission \$2.

Art Gallery Concert

8 p.m. Guitarist Peter Higham and actor Larry Reese present a composition for guitar with narration of poetry by

Castelnuovo-Tedesco. Edmonton Art Gallery. Admission free.

16 APRIL, FRIDAY

Cinematheque 16

7:30 p.m. *The Friends of Eddie Coyle* (United States, 1973). Starring Robert Mitchum and Peter Boyle. Downstairs, Edmonton Art Gallery. Admission \$2.

Concert

8 p.m. The Richard Eaton Singers perform *The Saint Matthew Passion*. All Saints' Cathedral. Admission \$3.50 regular and \$2.50 for senior citizens and students under 16. Tickets from Mike's, the Music Department, chorus members, and at the door.

White Heather Show

8 p.m. The Edmonton Scottish Society presents the White Heather Show at the Jubilee Auditorium. Tickets available from Mike's, phone 424-8911.

17 APRIL, SATURDAY

Faculty Club

Downstairs. "Soup Tureen." Lentil and sausage soup, curried oyster soup, salad, and fruit tray. \$3.50.

Upstairs. Lobster \$12.50. Regular dinner menu. Reservations required.

White Heather Show

8 p.m. The Edmonton Scottish Society presents the White Heather Show at the Jubilee Auditorium. Tickets available from Mike's, phone 424-8911.

EXHIBITIONS AND PLAYS

Provincial Museum

Opening 9 April. "Medieval Images," a collection of brass rubbings.

Until 25 April. "Portraits of the Indians," a display of paintings of native people by artists from Paul Kane to Nicholas de Grandmaison. Feature Gallery 2.

Until 11 April. "Chinese Woodcut Prints," a selection of forty prints from the People's Republic of China. Orientation Gallery.

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

Edmonton Art Gallery

Until 13 April. "19th Century Italian Art," oils, watercolors, and drawings.

Until 18 April. "Roger Fry Paintings and Drawings," an exhibit of works by the influential twentieth century art critic.

Until 25 April. "Joseph Reeder," a one-man show of works of the artist, who is now teaching at Red Deer College.

Opening 16 April. "Changes: 11 Artists Working on the Prairies," a display of work by western Canadian women.

Citadel Too

Until 10 April. *You're Gonna Be Alright Jamie Boy* by Canadian playwright, David Freeman, author of *Creeps*. 10018 102 Street. Admission \$3 regular, \$2 for students.

- Tickets available from the Citadel Box Office, phone 424-2828.

SUB Art Gallery

Until 10 April. "Easter Exhibition and Sale," a sale of crafts by students and instructors from the SUB Arts and Crafts Centre. During the exhibition, registrations will be taken for craft classes beginning in early May in pottery, weaving, batik, and macramé. The Gallery is open from 12 noon to 7 p.m. weekdays and from 2 p.m. to 6 p.m. on weekends.

Northern Light Theatre

Until 9 April. A forty-five minute lunch-hour version of *Happy Birthday America*, a musical review jointly produced by Theatre 3 and Northern Light Theatre, will take place at the Art Gallery. Performances Monday through Friday at 12:10 p.m. with extra performances on Thursdays and Fridays at 1:10 p.m.

Citadel Theatre

Opening 10 April. *Absurd Person Singular* by Alan Ayckbourn. Citadel Theatre. Performances Tuesday through Saturday at 8:30 p.m. with performances on Sundays at 2:30 p.m. and 7:30 p.m. Casual tickets available from the Citadel Box Office, phone 424-2828.

GRADUATE SCHOLARSHIPS AND AWARDS

All inquiries regarding the following should be directed to L. Henderson, Administrator of Student Awards, 219 Central Academic Building, 432-3495.

Internship Program

Alberta Advanced Education and Manpower

- *Value:* \$1,000 per month or \$12,000 per annum. *Where tenable:* Province of Alberta. *Level of study:* graduate. *Field of study:* internship position. *Number:* variable. *Duration:* one year. *Conditions:* Chairman of the Department must provide a recommendation on the candidate; interview the candidate, if necessary; forward the candidate's application to the Deputy Minister. Applications should consist of a complete resume. *Closing date:* April 30, 1976. Applications should be directed to the Chairman of the respective Department. Applications may be obtained from R.R. Murray, Assistant to the Deputy Minister, Department of Advanced Education and Manpower, 115 Devonian Building, 11160 Jasper Avenue. Obtain further information by calling: 427-5637.

POSITIONS VACANT

NON-ACADEMIC STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly.

Clerk Steno II (\$527-\$653)—Medical Laboratory Science; Secondary Education
Clerk Typist III (one-half time) (\$288-\$358)—Psychology; Chemistry
Clerk Typist III (\$576-\$713)—Physiology; Office of the Registrar
Bookkeeper II (one-half time) (\$300-\$376)—Cancer Research Unit
Clerk Steno II (\$527-\$653)—Zoology
Clerk Steno III (\$599-\$744)—Health Science, Audio Visual Education; Industrial and Vocational Education; Educational Psychology; Psychology
Clerk Steno III (three-fifths time) (\$340-\$446)—Mineral Engineering
Data Entry Operator I (\$599-\$744)—Computing Services
Secretary (\$683-\$853)—Comparative Literature; Office of the Vice-President, Planning and Development; Psychology
Administrative Clerk (\$713-\$891)—Educational Media Division
Departmental Secretary (\$779-\$975)—Anatomy Laboratory Assistant II (\$551-\$683)—Anatomy Poultryman (\$713-\$891) (trust)—Animal Science
Electron Microscope Technician I (\$713-\$891) (trust)—Botany
Food Technician I (\$713-\$891)—Home Economics
Research Assistant (\$800-\$950) (trust)—Medicine
Bacteriology Technologist I (\$814-\$1,020)—Medical Bacteriology
Technologist I (\$814-\$1,020) (trust)—Cancer Research Unit
Machinist Technician II (\$853-\$1,068)—Technical Services
Electronics Technician II (\$853-\$1,068)—Civil Engineering
Technologist I (\$814-\$1,020)—Science, Microscope Laboratory
Animal Technician II (\$853-\$1,068)—Animal Science
Herdsman II (\$932-\$1,171)—Animal Science
Analyst Trainee (\$932-\$1,171)—Physical Plant
Assistant Analyst (\$1,020-\$1,283)—Computing Services
Analyst (\$1,171-\$1,474)—Computing Services

The following is a list of currently available positions in the University Library. The bulletin board postings in the Library Personnel Office, 516 Cameron Library should be consulted for further information as to position requirements and availability.

Library Clerk II (\$527-\$653)—Out-of-Print; Acquisitions
Library Clerk III (\$576-\$713)—Cataloguing
Clerk Steno III (\$599-\$744)—Acquisitions; Education

OFF-CAMPUS POSITIONS

Temporary Faculty Appointments University of New Brunswick

These appointments are for teaching in an undergraduate degree program in Business Administration for a one-year period and may be renewed for a second year. An MBA or the equivalent is required and preference will be given to persons who wish to gain teaching experience before committing themselves to a doctoral program. Appointments will be made at the rank of

lecturer and salary will be related to qualifications and experience. Travel assistance is available for moving to Fredericton. The teaching load is nine hours a week and the academic year extends from approximately September 1 to May 1. The appointment will be effective July 1, 1976.

Applicants should forward their resume, a copy of their transcripts, and the names of three faculty references to Director, School of Administration, University of New Brunswick, Fredericton, New Brunswick E3B 5A3.

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation Available

For sale—large cottage lots Grandview area at Pigeon Lake. Power, gas, telephone access. 400 feet to good beach and boat launch. Nobbs Enterprises Ltd. 452-7558.

Five acres, Lot 6744, about two miles north of Simon Fraser University on north side of Burrard Inlet. Located at 500-foot elevation in Belcarra Park, 3,000 feet south of Bedwell Bay. View is west and north. Price \$41,000. Contact Montreal Trust, Real Estate Division, 466 Howe Street, Vancouver, attention G.C. Barker, (604) 688-4411 or (604) 266-7028 (res.).

For sale—Duggan. Enjoy the warmth and spaciousness of an open-beam cedar ceiling in this custom-built three-bedroom bungalow with 1½ baths, 1,265 square feet. Partially developed basement, RIDP, double garage, pie-shaped lot. \$77,500. 10815 38 Ave.

For rent—May to August 1976, furnished three-bedroom bungalow; finished basement, study. Lendrum. \$350/month. Phone 432-3535 or 435-8187.

For rent—Duggan, three-bedroom furnished bungalow. \$450/month. Available July 1976—August 1977. 432-5486 or 435-2788.

Spencer Real Estate Ltd. has representatives specializing in re-locating University personnel. For professional assistance phone Mrs. Eid, 434-5780 or Mrs. Crockford, 434-0555; business, 436-5250. All inquiries held in strictest confidence.

Thinking of selling your home? Today's real estate market fluctuates. Make sure you receive top value. Call a professional. Call Ross Lizotte, Buxton Real Estate Ltd., 436-1140, 426-5880, extension 990.

For rent—spacious three-room furnished suite in split-level bungalow; kitchen, bathroom, separate entrance. Easy access University—½ block U2 bus. May-August. \$150/month. 432-5470; evenings, 433-8858.

For rent—Riverbend furnished four-bedroom house: fireplace, sauna. On bus route. Single family, no pets. August 1, 1976—June 30, 1977. 432-5766, 434-0081.

For sale—excellent location for professionals—close to University. Completely redecorated and freshly-painted four-bedroom split-level home. Features cozy sunken family room with wood-burning fireplace and sliding patio doors; French doors to dining room; main floor utilities and completely finished basement with extra bedroom and den. To view this immaculate home phone Jeanne Eid, Distacom, 426-5880, page 837 or business, 436-5250. Spencer Real Estate.

For rent—June 28 to August 27, furnished three-bedroom home in Malmo. Finished basement. \$85/week, utilities included. Phone 432-5865 or 434-2334.

To sublet—deluxe bachelor apartment; on campus; furnished, large desk; sauna and swimming pool. Available May-August. Rent negotiable. 433-2392.

For rent—June 15 or July 1/76—July 31/77; three-bedroom bungalow. Duggan, near schools and bus. 1,330 square feet, fireplace, large kitchen, five appliances. Garage. \$400/month. 432-5510 or 434-0434 evenings.

For sale by owner: Vacation property in Anglemont Estates overlooking Shuswap Lake, B.C. Half acre, heavily treed, lake view, concrete pad for building, paved road to site, power and water available. 433-2880 after six.

For rent—four-bedroom split-level home, North Windsor Park; three blocks University; completely furnished. 2,066 square feet; living, dining, kitchen, breakfast, utility rooms, two baths, double garage. Large treed lot near river bank. One year starting July 1. Main aim of owners is responsible occupancy of their home. 439-9660, 432-3693.

For rent—fully furnished home Capitol Hill area. For one year commencing July 1, 1976. Four bedrooms. \$550/month. Phone 455-3741.

For rent—fully furnished three-bedroom home. Lease for one year commencing June 1976. Ten minutes from University. \$450/month. 465-1116.

For sale—quiet location on Saskatchewan Drive—luxurious four-bedroom bungalow with entertainment-size living and dining rooms; completely air conditioned; best quality carpeting throughout. Lower level professionally developed with large family room with fireplace, bar area, billiards room with full-size slate billiard table and full bath. If you are in the market for a home of fantastic quality, please phone Shirley Way-Nee, Potter Realty 436-3050; residence, 435-6032. You'll find the asking price of \$187,000 is realistic.

For rent—Duggan, fully-furnished three-bedroom bungalow; 1½ baths, rumpus room, laundry room, extra bedroom in basement. Dishwasher, freezer, washer, dryer, etc. Garage. Near bus, Southgate, University. One-year lease. \$400/month plus utilities. 435-2204.

For rent—three-bedroom bungalow, Laurier Heights area, ten minutes University. July 1/76-July 1/77. Furnishings negotiable. \$450. 483-4615.

For rent—June to August 1976, (September negotiable): four-bedroom furnished home on quiet street facing Mill Creek ravine; attractive patio and fenced garden; piano. \$325/month. Please phone 432-3863 or 439-0705.

For rent—May-August 1976, furnished bungalow, Windsor Park; walking distance to University. Murdeshwar, 432-3531 (office), 439-9460 (home).

For rent—July 1 for about fourteen months: large two-level house; ten minutes by car to University. Three-five bedrooms, two full baths, all major appliances; two-car attached garage. 432-3520 daytime; 483-5109 evenings, weekends.

For rent—Spacious 2,000 square foot four-bedroom two storey home with family room, fireplace, large yard and double garage; in the Riverbend-Brander Gardens area. Attractively furnished. Fourteen-month lease from June 1. 436-1407.

For rent—end of May-August 1976 in Edmonton, close to river: furnished three-bedroom house, large finished basement opening onto small, sunny, treed, enclosed backyard. Rent \$375/month. Phone 469-2033.

To share—with two others: three-bedroom house. Garneau—five-minute walk to University. May 7—August 24. \$85/month plus utilities. 433-1740.

Spacious, lovely main floor bungalow; partially furnished; patio, garage. \$300. Post graduates or executives only. 434-0130.

For sale by owner: new home, landscaped, four bedrooms; many extras. \$109,000; CTM \$55,000 at 10¼%. Fifteen minutes from University. For appointment phone 487-1301.

Yukon Vacation? Exchange home (July 1-August 13, 1976) six miles from downtown Whitehorse, plus comfortable lakeside cabin ten miles east of Carcross where you can enjoy boating, fishing, etc. If interested contact Ted Harrison 33-12th Avenue, Whitehorse, Yukon Territory. Phone (403) 633-2539.

For sale—Executive acreage: 3.888 acres and 3,270 square foot living area. Five bedrooms, three baths, four fireplaces and family room (900 square feet with twenty foot ceiling). Solid trees, fenced and cross fenced, professional landscaping. \$154,000. Don Downing, Weber Brothers Realty Ltd., Sherwood Park. Phone 922-3670 after 6 p.m.

For rent—June-August 31/76: Greenfields, three-bedroom bungalow. Fully furnished, near parks and bus. No pets. \$375/month. 434-9635 or 432-5009.

Accommodation wanted

House wanted—Professor requires three-bedroom home in Belgravia, McKernan, or Parkallen. Will pay up to \$70,000. Please call Dorothy Hamilton, 439-7371 or 434-6147.

Wanted to rent—unfurnished two or three-bedroom house. May 1. University area or on good bus line (fifteen minutes). \$300. References. 433-0214 or 436-1758.

Wanted to rent—unfurnished two-three-bedroom home while on visiting appointment during 1976/77 academic year. Couple with seven year old boy. References available. Contact M.T. Ferejohn, Philosophy Department, University of California, Irvine, California 92664.

Wanted: responsible professional woman seeking small house to rent from June 1. 434-3876 evenings. Professor wants to rent house. September 1976—April 1977. Walking distance to University. 433-7065.

House wanted—Belgravia or Windsor Park. Professor with smaller home in Belgravia needs a larger home in the same area. If you are thinking of selling or are interested in a trade, please phone Dorothy Hamilton, 439-7371 or 434-6147. Kellough Realty Ltd.

Wanted—House or suite near University. Mother and pre-schooler would consider sharing. 432-6531 daytime; 475-4630 evenings.

Automobiles and Accessories

1974 Pinto four-speed. Excellent condition.

Good buy. 432-5216, daytime. Mrs. White.

For sale—1974 Pinto Squire wagon, 22,000 miles. \$3,200 or offers. 462-1815.

1974 Volvo 144, 4 door, like new, stereo, radio, automatic, offers. 434-9973.

1970 Volkswagen Beetle; 78,000 miles. Good condition. 435-6823.

Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Peking, Shanghai food. Delicious, inexpensive. Simple surroundings. Shanghai House, 6525 111 Street. 435-7622.

Pan-abode pre-fab log buildings, homes, cottages, commercial. Phone Eric, 466-9883 after 5.

Income tax preparation, fast, reliable, inexpensive. Phone 429-1304.

For sale—older Leica, five lenses, viewfinder, not synchronized, \$299. Contaflex I, \$35; Gossen Sixtar meter, \$20. 432-5093.

Windermere Golf Club associate membership available. 435-6523 after six.

Typing Associates—expert typing of theses, manuscripts, reports. Carbon ribbon. Paper supplied. Phone after five: Shannon, 462-3825 or Pat, 482-6611.

For sale—baby furniture, etc.; 500-watt 35mm projector; Suds-Saver tub; Hoover vacuum cleaner. Phone 434-9182, six-ten p.m.

Ecole Française "Les Colibris"—Vacancies for age group three to six; possibility all day program. Commences September 13, 1976. Inquire about registration. Third year summer French program for elementary school, grades one to four. Indoor and outdoor activities. Phone 439-7534 or write: 10711 Saskatchewan Drive.

Office space to share adjacent to University: five large comfortable offices, reception area, telephone answering, parking. Ideal for part-time consultants. 439-4921.

Wedding gowns. Professional designer. Original design or pattern. 469-5372.

Have sixteen horsepower Case tractor, also rototiller, grass mower. Will do residences, acreages, private clubs, etc. Phone Jerry, 439-3531.

Handyman carpentry service. Phone John 434-9709.

Hardly used: Raleigh folding bicycle, \$120.

Thermos, pop-up tent, 9'x12', \$150. Fischer coverglass skis, 195s, Marker bindings. \$80. 439-0209.

For sale—French provincial livingroom furniture set, in excellent condition, \$550 or best offer. Phone 435-4375.

Free—three-year old male and five-year old female Persian cats need a good home. Phone 435-4375.

Alberta artists' water colors from private collection; oak arm chair circa 1906; oak end tables. 433-3782.

For sale—Fujica ST701 camera, black, 1.4 lens, virtually unused. \$160. 432-5093.

Travel Adventure—Come with us on a camping holiday. Twenty-two-day all-inclusive overland treks up the Alaska Highway; twelve-day trips canoeing the Churchill River in Northern Saskatchewan or twelve days hiking in Banff and Jasper. Flexible itineraries. Shared duties; friendly atmosphere. It's all in our 1976 brochure. Write to: Canadian Camping Tours 250 - One, Palliser Square, Calgary T2G 0P6.

Westcan International Treks. Pioneers of discriminating travel offer group-involved expeditions where travel is still an education and a very personal experience. Looking for something different away from the tourist traps? Join us this summer in Iceland, Persia, Russia, Africa, Alaska, South America. *1976 Program: Four-Week Africa History Tour:* East Africa, game reserves, Indian Ocean beaches, canoeing, Kilimanjaro climbing; July 2, 16; \$975. *Four Week Iceland Expedition:* backwoods exploration, volcanoes, glaciers, hot springs; July 12; \$600. *Extensive Europe-South America Tours. Six Weeks Turkey, Persia:* archeology, history, exploration in the steps of Alexander. Colorful tribes, classical sites, beaches, on three seas; July 2; \$735. *Six Weeks Scandinavia, Russia:* Scandinavia, extensive Russia, Odessa, Black Sea resorts; July 12; \$650. Tours begin London, inclusive food, equipment, transportation. Westcan International Treks, 9004 112 Street, Hub Mall Edmonton. 439-1222.

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